

FIG.1

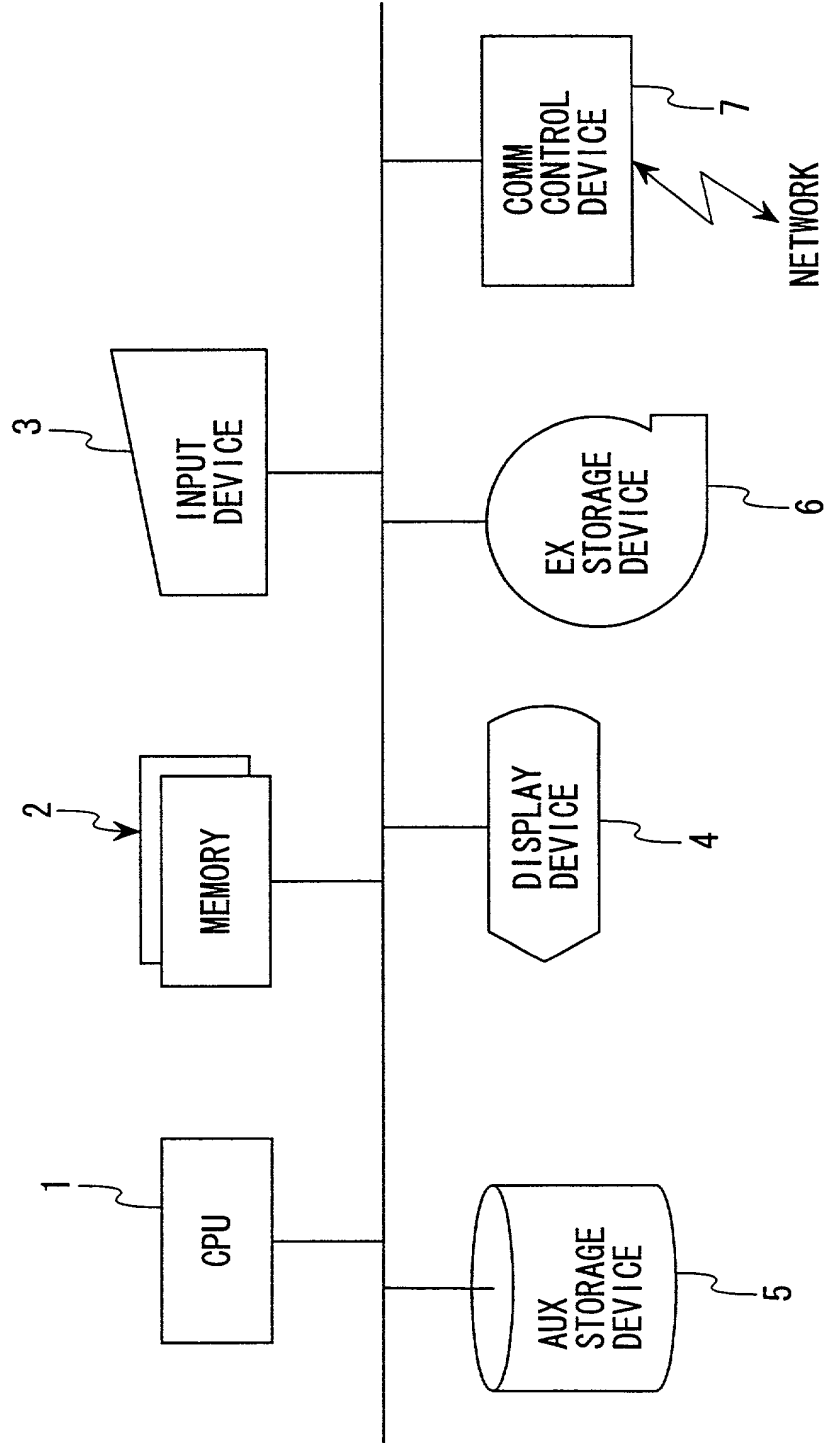


FIG.2

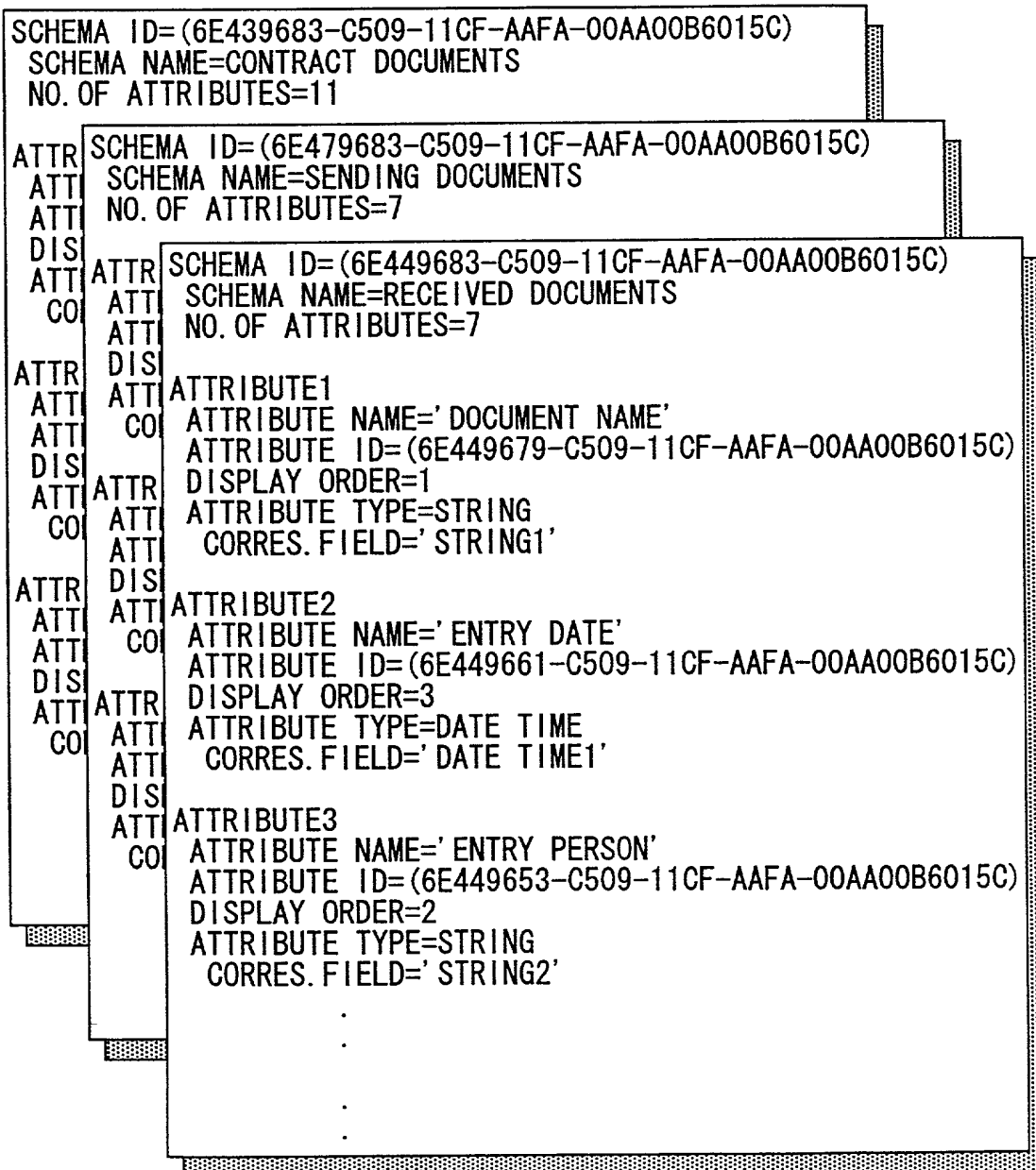


FIG. 2

FIG.3

DOCUMENT ID	SCHEMA ID	String1	String2	...	Numeric1	...	Date	Time1	...
1	1								
2	1								
3	1								
4	2								
5	3								
6	2								
7	2								

FIG.4

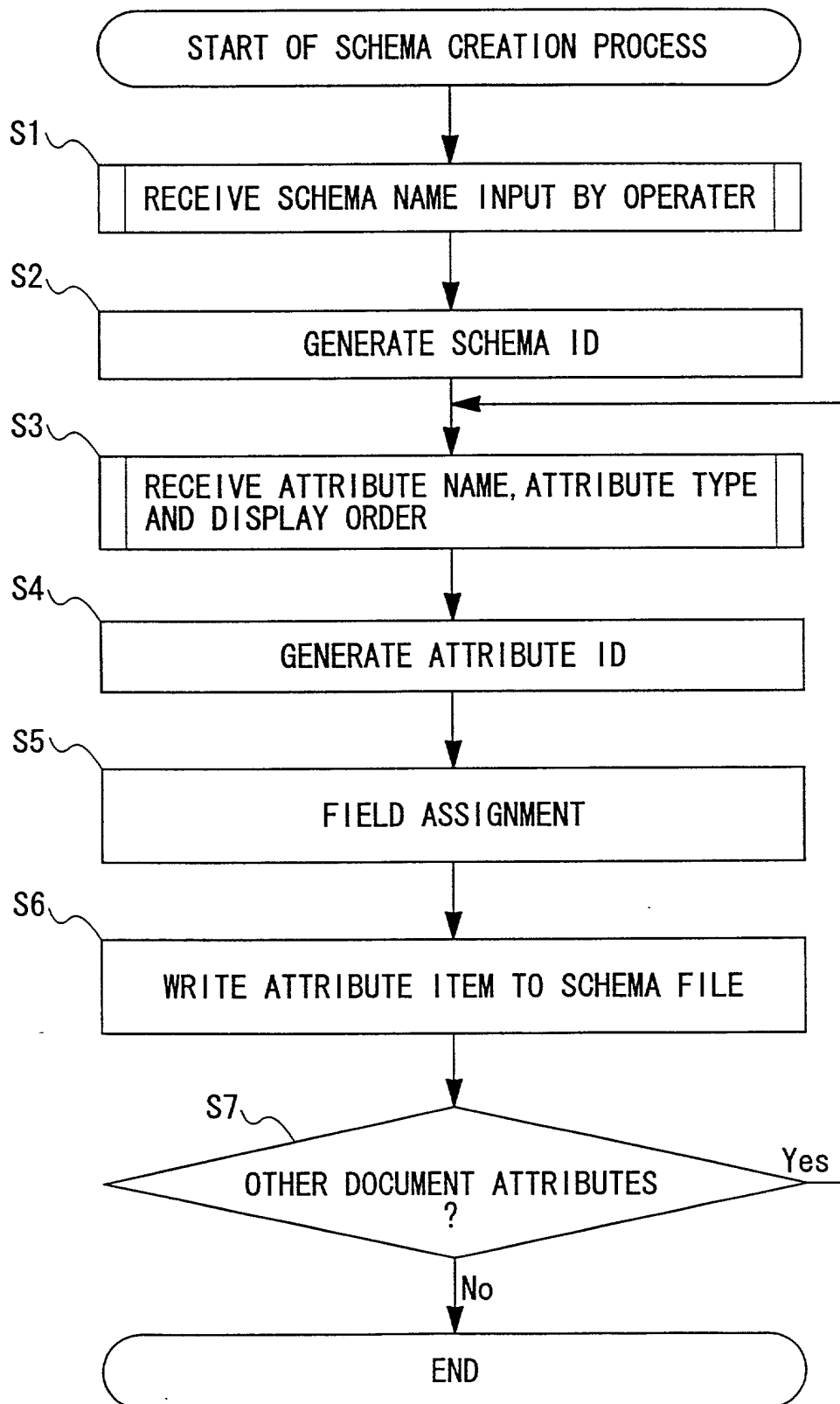


FIG.5

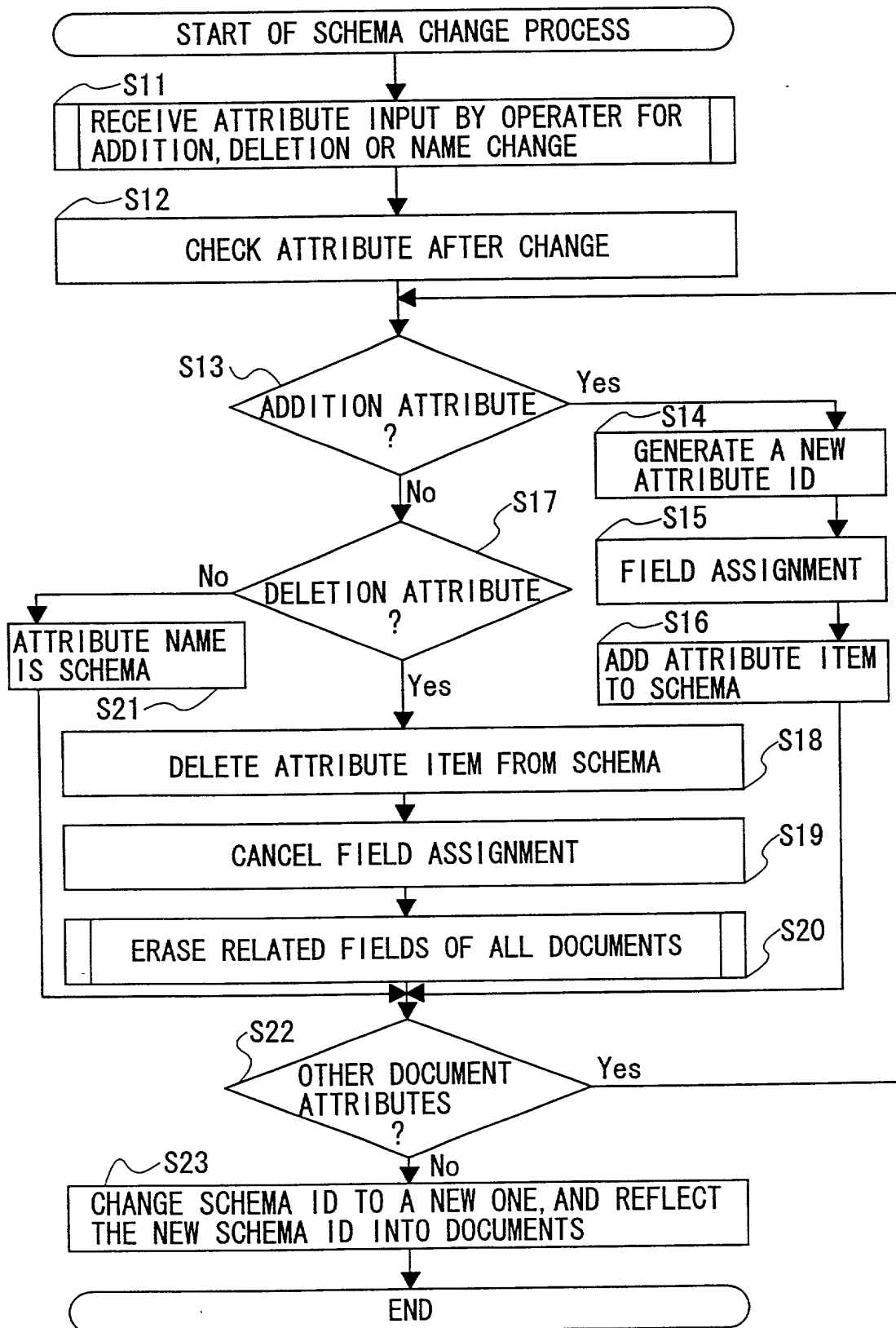


FIG.6

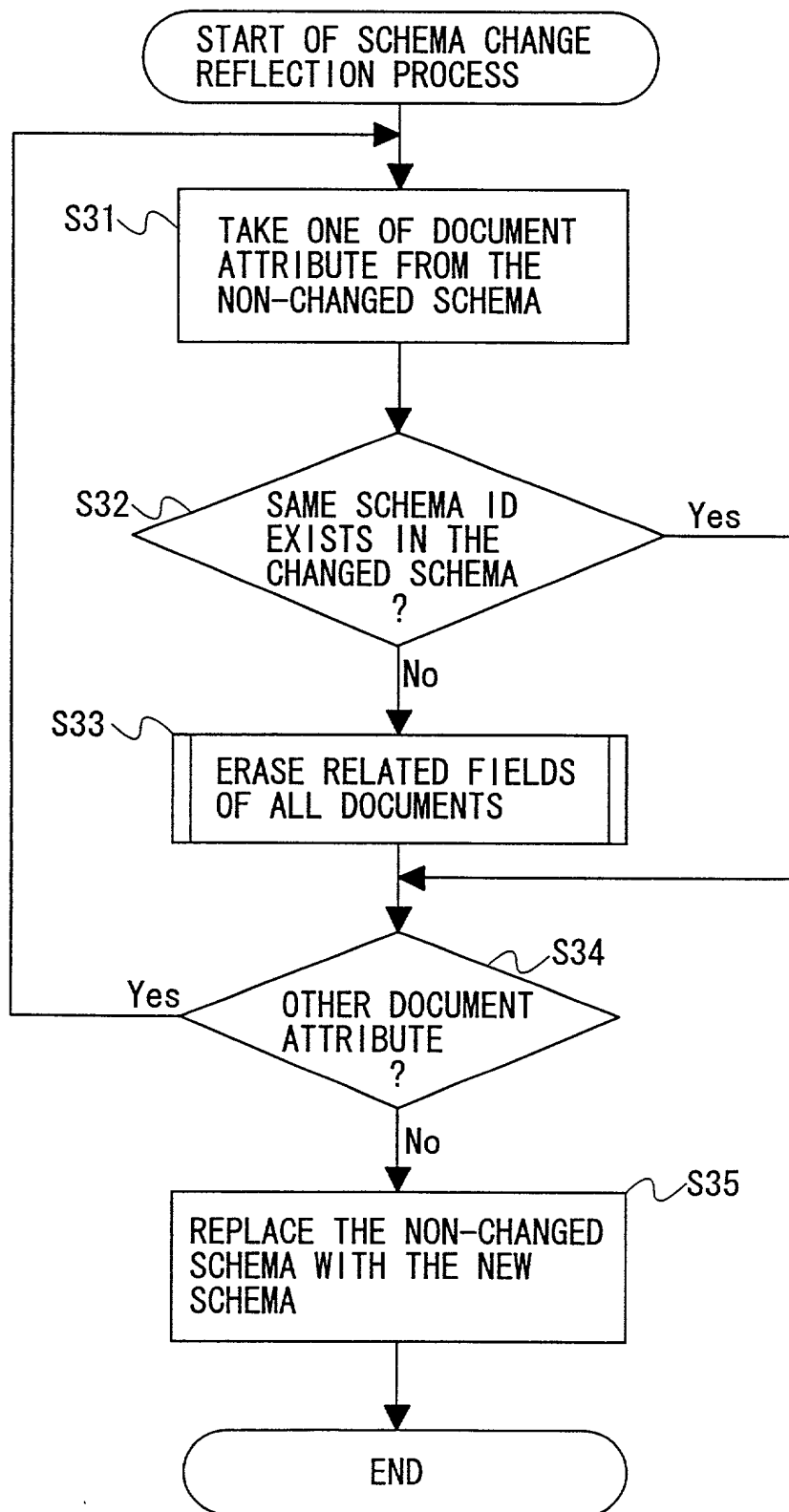


FIG.7

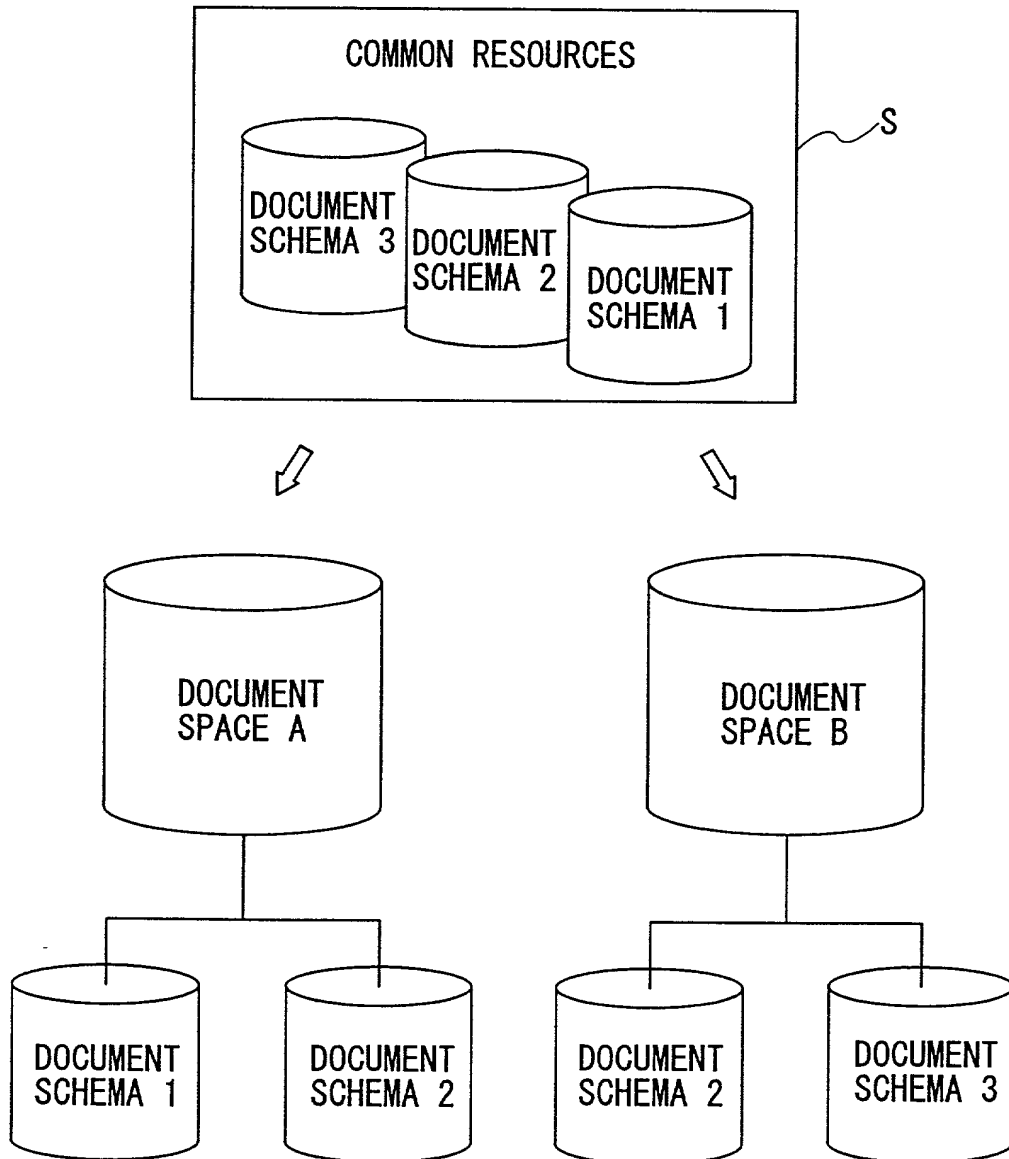


FIG.8A

QUERY INPUT BY OPERATER

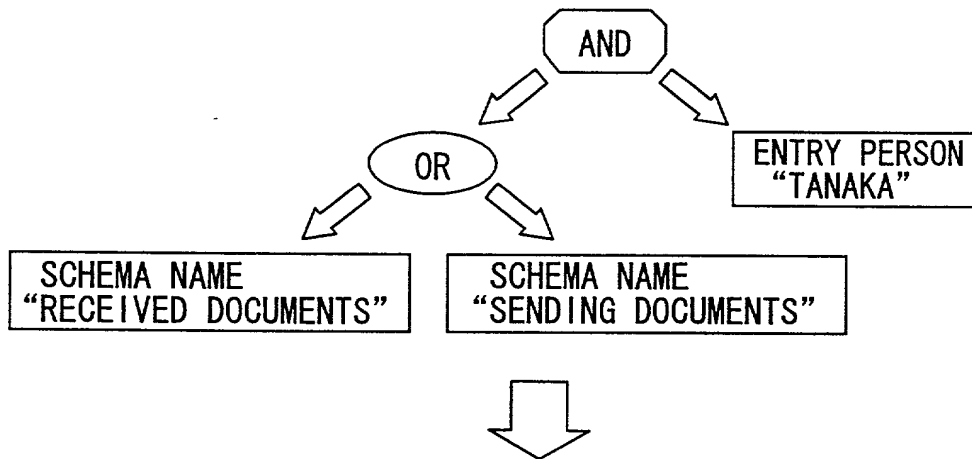


FIG.8B

QUERY CONVERSION PROCESS

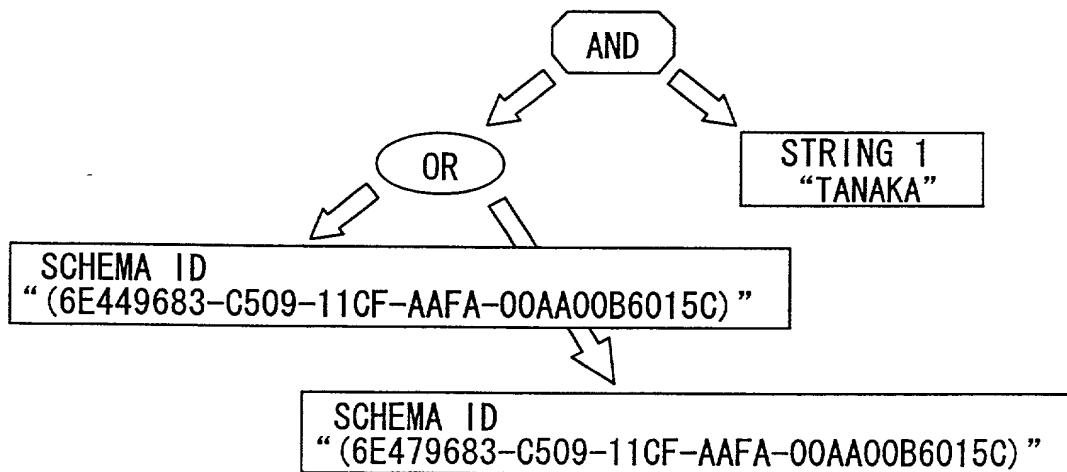


FIG.9

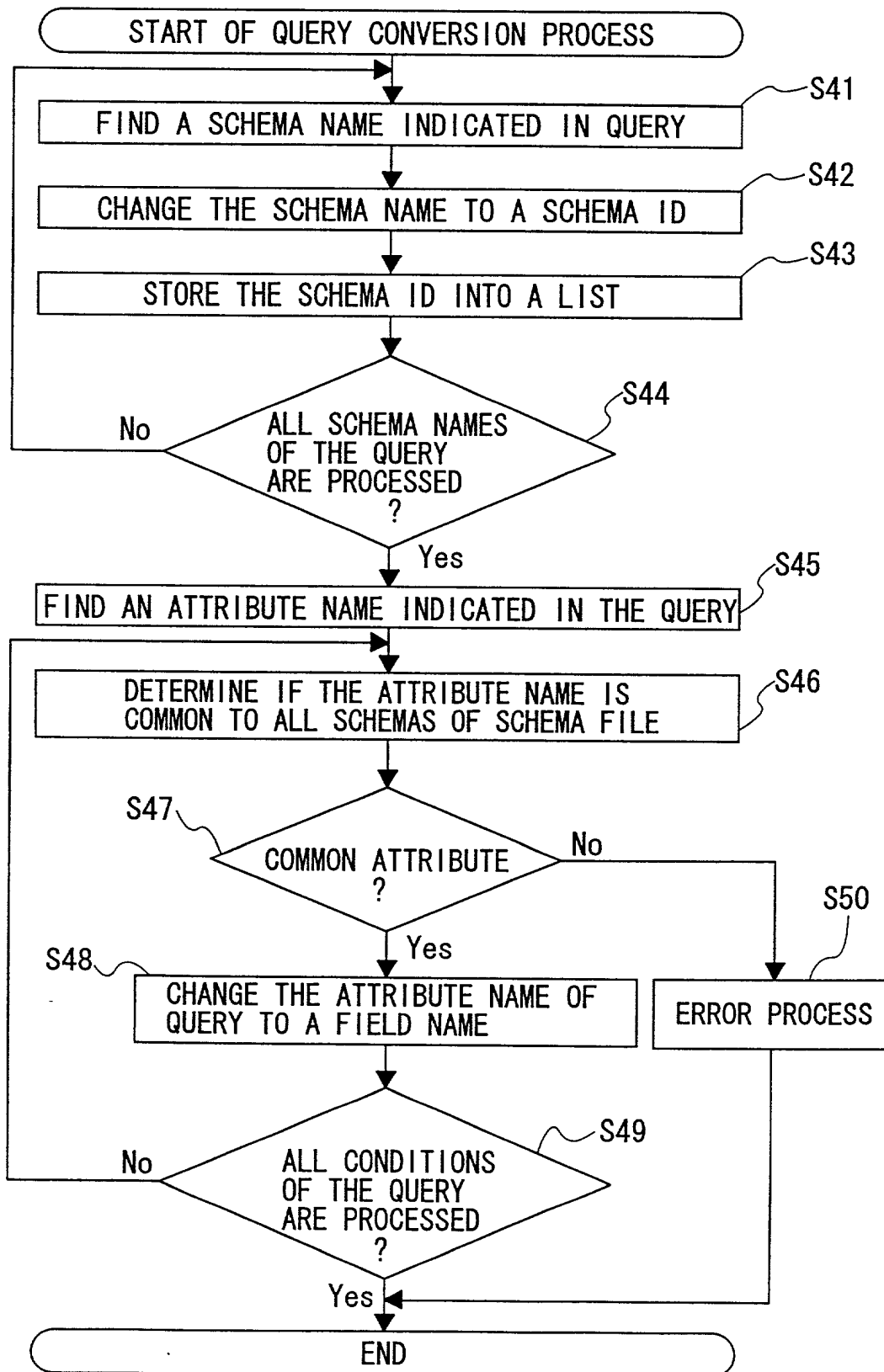


FIG.10

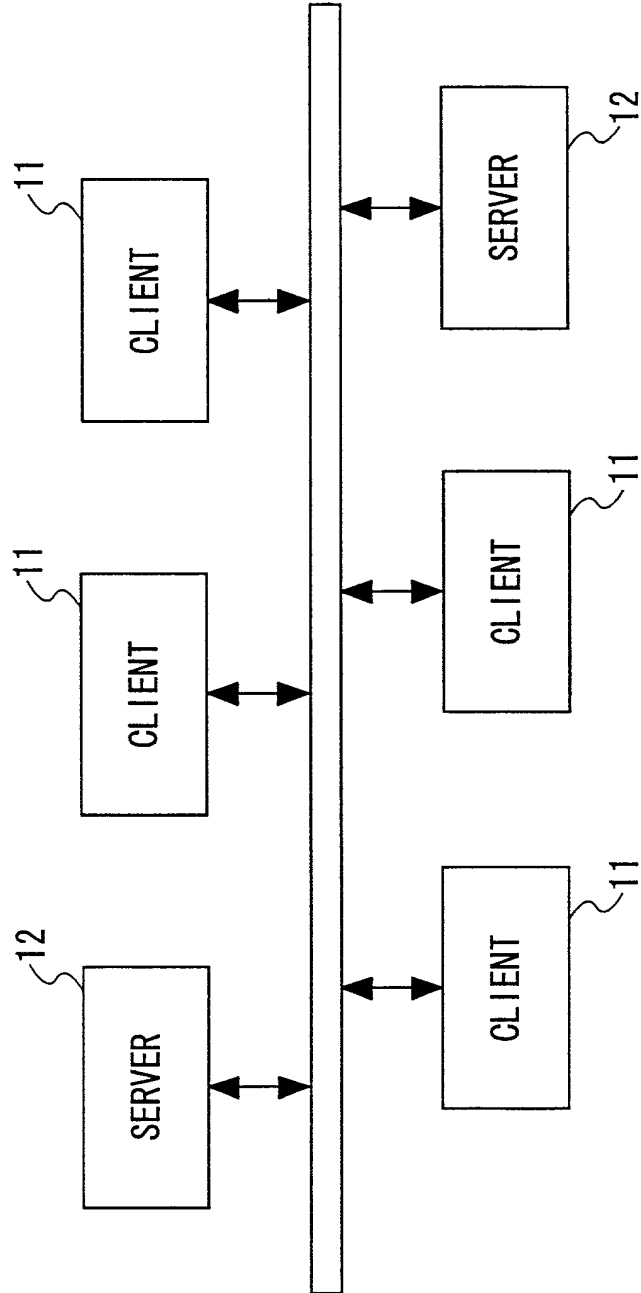


FIG.11

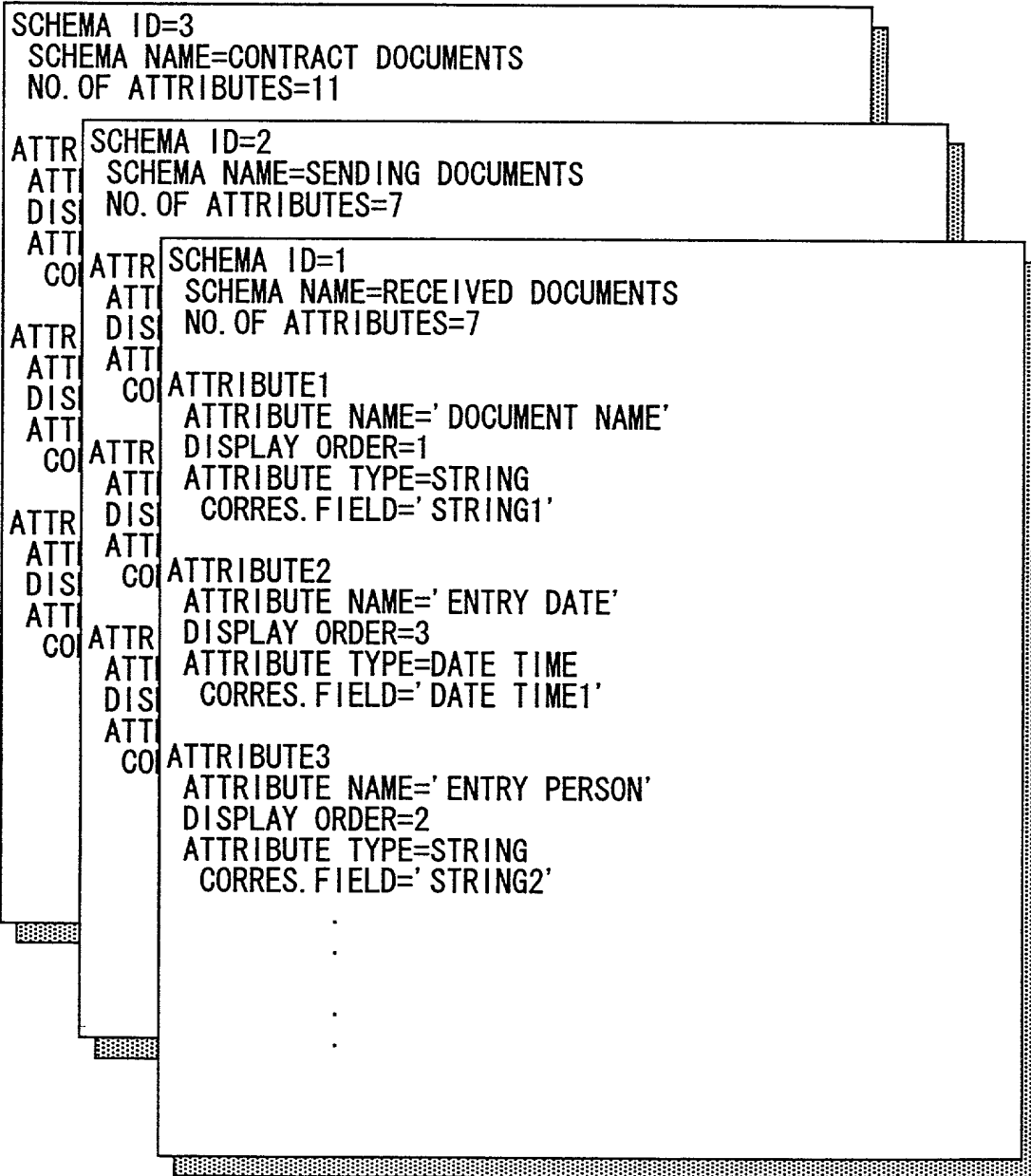


FIG.12

